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Proposed Maximum Residue Limit PMRL2012-03

Cyprodinil

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Under the authority of the *Pest Control Products Act*, Health Canada's Pest Management Regulatory Agency (PMRA) is proposing to establish maximum residue limits (MRLs) for cyprodinil in or on various fruits, herbs and vegetables to permit the import and sale of foods containing such residues.

Cyprodinil is a fungicide currently registered in Canada for use on a number of food commodities.

The PMRA has determined the quantity of residues that are likely to remain in or on the imported food commodities when cyprodinil is used according to label directions in the exporting country. The Agency has also determined that such residues will not be a concern to human health and is proposing to legally establish corresponding import MRLs. An MRL applies to the identified raw agricultural food commodity as well as to any processed food product that contains it, except where separate MRLs are specified for the raw agricultural commodity and a processed product made from it.

Details regarding the import MRLs can be found in the corresponding Evaluation Report that is available in the Pesticides and Pest Management section of Health Canada's website, under Public Registry, Pesticide Product Information Database.[1]

Consultation on the proposed MRLs for cyprodinil is being conducted via this document (see Next Steps, the last section of this document).

To comply with Canada's international trade obligations, consultation on the proposed MRLs is also being conducted internationally by notifying the World Trade Organization, as coordinated by the Standards Council of Canada.

[1] The relevant report can be accessed by selecting Applications/Amendment/Historical and requesting the Evaluation Report found under Application Number 2008-5281.

The proposed MRLs in Canada in or on food, to replace or be added to the MRLs already established for cyprodinil, are as follows.

Table 1 Proposed Maximum Residue Limits for Cyprodinil

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Cyprodinil	4-cyclopropyl-6-methyl-*N*-phenyl-2-pyrimidinamine	170	Dried parsley leaves
		60	Citrus oil
		35	Fresh parsley leaves*
		15	Herbs (Crop Subgroup 19A; dried leaves, except parsley)
		10	Leaves of root and tuber vegetables (Crop Group 2)**
		3.0	Herbs (Crop Subgroup 19A; fresh leaves)
		1.8	Kiwifruit
		1.2	Avocados, black sapotes, canistels, mamey sapotes, mangoes, papayas, sapodillas, star apples
		1.0	Tomato paste
		0.75	Root vegetables except sugar beet (Crop Subgroup 1B, except carrot roots)***
		0.7	Cucurbit vegetables (Crop Group 9)
		0.6	Lemons, limes
		0.45	Tomatoes, tomatillos

* The MRL is proposed to replace the currently established 30 ppm MRL.

** The MRL is proposed to replace the currently established 9.0 ppm MRL for turnip tops and include all food commodities in the crop subgroup.

*** Carrot roots are excluded from this MRL action as a 0.75 ppm MRL is already established for the commodity.

MRLs are proposed for each food commodity included in the listed crop groupings in accordance with the Residue Chemistry Crop Groups webpage in the Pesticides and Pest Management section of Health Canada's website.

A complete list of all pesticide MRLs established in Canada can be found on the Maximum Residue Limits for Pesticides webpage in the Pesticides and Pest Management section of Health Canada's website.

International Situation and Trade Implications

With the exception of citrus oil, the proposed MRLs for cyprodinil in Canada are the same as the corresponding tolerances established in the United States (tolerances are listed in the Electronic Code of Federal Regulations, 40 CFR Part 180, by pesticide). Codex Alimentarius MRLs[2] have been established for a limited number of commodities included in this action in accordance with Table 2. A listing of established Codex MRLs is available on the Codex Alimentarius Pesticide Residues in Food website.

Table 2 Comparison of Canadian MRLs, American Tolerances and Codex MRLs

Food Commodity	Canadian MRL (ppm)	AmericanTolerance (ppm)	Codex MRL (ppm)
Dried parsley leaves	170	170	Not Established
Citrus oil	60	340	Not Established
Fresh parsley leaves	35	35	Not Established
Herbs (Crop Subgroup 19A; dried leaves except parsley)	15	15	Not Established
Leaves of root and tuber vegetables (Crop Group 2)	10	10	Not Established
Herbs (Crop Subgroup 19A; fresh leaves)	3.0	3.0	Not Established
Kiwifruit	1.8	1.8	Not Established
Avocados, black sapotes, canistels, mamey sapotes, mangoes, papayas, sapodillas, star apples	1.2	1.2	Not Established
Tomato paste	1.0	1.0	0.5*
Root vegetables except sugar beet (Crop Subgroup 1B, except carrot roots)	0.75	0.75	Not Established
Cucurbit vegetables (Crop Group 9)	0.7	0.7	0.2 (cucumber and summer squash)
Lemons, limes	0.6	0.6	Not Established
Tomatoes	0.45	0.45	0.5
Tomatillos	0.45	0.45	Not Established

* In the absence of a specific MRL for the processed commodity the MRL for the raw agricultural commodity, tomatoes, applies.

2 The Codex Alimentarius Commission is an international organization under the auspices of the United Nations that develops international food standards, including MRLs.

Next Steps

The PMRA invites the public to submit written comments on the proposed import MRLs for cyprodinil up to 75 days from the date of publication of this document. Please forward your comments to Publications (see the contact information on the cover page of this document). The PMRA will consider all comments received before making a final decision on the proposed import MRLs for cyprodinil and posting a corresponding Established Maximum Residue Limit document in the Pesticides and Pest Management section of Health Canada's website.